

SUBSTITUTE SEQUENCE LISTING

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<120> PEPTIDES DERIVED FROM HUMAN BPLP PROTEIN, POLYNUCLEOTIDES CODING
FOR SAID PEPTIDES AND ANTIBODIES DIRECTED AGAINST SAID PEPTIDES

<130> 296415US0PCT

<140> US 10/593,071

<141> 2006-09-15

<150> PCT/IB05/00700

<151> 2005-03-18

<150> EPO 04290754.3

<151> 2004-03-19

<160> 15

<170> PatentIn version 3.3

<210> 1

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<213> Homo sapiens

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Met Lys Leu Thr Phe Phe Leu Gly Leu Leu Ala
1 5 10

ctt att tca tgt ttc aca ccc agt gag agt caa aga ttc tcc aga aga 161
Leu Ile Ser Cys Phe Thr Pro Ser Glu Ser Gln Arg Phe Ser Arg Arg
15 20 25

cca tat cta cct ggc cag ctg cca cca cct cca ctc tac agg cca aga 209
Pro Tyr Leu Pro Gly Gln Leu Pro Pro Pro Pro Leu Tyr Arg Pro Arg
30 35 40

tgg gtt cca cca agt ccc cca cct ccc tat gac tca aga ctt aat tca 257
Trp Val Pro Pro Ser Pro Pro Pro Pro Tyr Asp Ser Arg Leu Asn Ser
45 50 55

cca ctt tct ctt ccc ttt gtc cca ggg cga gtt cca cca tct tct ttc 305
Pro Leu Ser Leu Pro Phe Val Pro Gly Arg Val Pro Pro Ser Ser Phe
60 65 70 75

tct	cga	ttt	agc	caa	gca	gtc	att	cta	tct	caa	ctc	ttt	cca	ttg	gaa	353
Ser	Arg	Phe	Ser	Gln	Ala	Val	Ile	Leu	Ser	Gln	Leu	Phe	Pro	Leu	Glu	
			80						85					90		

tct	att	aga	caa	cct	cga	ctc	ttt	ccg	ggg	tat	cca	aac	cta	cat	ttc	401
Ser	Ile	Arg	Gln	Pro	Arg	Leu	Phe	Pro	Gly	Tyr	Pro	Asn	Leu	His	Phe	
			95					100					105			

cca	cta	aga	cct	tac	tat	gta	gga	cct	att	agg	ata	tta	aaa	ccc	cca	449
Pro	Leu	Arg	Pro	Tyr	Tyr	Val	Gly	Pro	Ile	Arg	Ile	Leu	Lys	Pro	Pro	
		110					115					120				

ttt	cct	cct	att	cct	ttt	ttt	ctt	gct	att	tac	ctt	cct	atc	tct	aac	497
Phe	Pro	Pro	Ile	Pro	Phe	Phe	Leu	Ala	Ile	Tyr	Leu	Pro	Ile	Ser	Asn	
	125					130					135					

cct	gag	ccc	caa	ata	aac	atc	acc	acc	gca	gat	aca	aca	atc	acc	aca	545
Pro	Glu	Pro	Gln	Ile	Asn	Ile	Thr	Thr	Ala	Asp	Thr	Thr	Ile	Thr	Thr	
140					145					150					155	

aat	ccc	ccc	acc	act	gca	aca	gca	acc	acc	agg	cac	ttc	cac	aaa	acc	593
Asn	Pro	Pro	Thr	Thr	Ala	Thr	Ala	Thr	Thr	Arg	His	Phe	His	Lys	Thr	
			160						165					170		

cac	aat	gac	gat	cag	ctc	ctc	aac	agt	acc	tat	ctc	ttc	aac	acc	aga	641
His	Asn	Asp	Asp	Gln	Leu	Leu	Asn	Ser	Thr	Tyr	Leu	Phe	Asn	Thr	Arg	
			175					180					185			

gcc	tgc	cac	ctc	cat	atc	agc	agc	aac	ccc	cgc	agc	atc	tac	tga	686	
Ala	Cys	His	Leu	His	Ile	Ser	Ser	Asn	Pro	Arg	Ser	Ile	Tyr			
		190					195					200				

aaatactact	caaattctcg	ccaaccgtcc	tcacacagta	ttgctcaatg	ccactgtcca	746
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agttacgact	tccaaccaaa	ctatatattaag	cagcccagcc	tttaaaagtt	tttggcaaaa	806
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actctttgcc	attttttgggtt	gaacatgcaa	taaatgatata	tttccaaact	gctctgatata	866
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Thr	Pro	Ser	Glu	Ser	Gln	Arg	Phe	Ser	Arg	Arg	Pro	Tyr	Leu	Pro	Gly
			20					25					30		

Gln Leu Pro Pro Pro Pro Leu Tyr Arg Pro Arg Trp Val Pro Pro Ser
 35 40 45
 Pro Pro Pro Pro Tyr Asp Ser Arg Leu Asn Ser Pro Leu Ser Leu Pro
 50 55 60
 Phe Val Pro Gly Arg Val Pro Pro Ser Ser Phe Ser Arg Phe Ser Gln
 65 70 75 80
 Ala Val Ile Leu Ser Gln Leu Phe Pro Leu Glu Ser Ile Arg Gln Pro
 85 90 95
 Arg Leu Phe Pro Gly Tyr Pro Asn Leu His Phe Pro Leu Arg Pro Tyr
 100 105 110
 Tyr Val Gly Pro Ile Arg Ile Leu Lys Pro Pro Phe Pro Pro Ile Pro
 115 120 125
 Phe Phe Leu Ala Ile Tyr Leu Pro Ile Ser Asn Pro Glu Pro Gln Ile
 130 135 140
 Asn Ile Thr Thr Ala Asp Thr Thr Ile Thr Thr Asn Pro Pro Thr Thr
 145 150 155 160
 Ala Thr Ala Thr Thr Arg His Phe His Lys Thr His Asn Asp Asp Gln
 165 170 175
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 180 185 190
 Ile Ser Ser Asn Pro Arg Ser Ile Tyr
 195 200

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Gln Arg Phe Ser Arg
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Tyr Gln Arg Phe Ser Arg
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Cys Gln Arg Phe Ser Arg
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<223> Xaa2 is Gln or Glp when Xaa1 is H. Xaa2 is Gln when Xaa1 is Tyr
or Cys.

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<210> 7
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Xaa Arg Phe Ser Arg
1 5

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Gln His Asn Pro Arg
1 5

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Gln His Asn Pro
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Gln Arg Gly Pro Arg
1 5

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Gln Arg Gly Pro Arg Gly Pro
1 5

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<223> Xaa1 is Mca = (7-methoxycoumarin-4-yl)acetyl

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<222> (11)..(11)
<223> Xaa2 is Dnp = 2,4-dinitrophenyl

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<223> Xaa3 is OH

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Xaa Arg Pro Pro Gly Phe Ser Ala Phe Lys Xaa Xaa
1 5 10

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<223> Xaa1 is Suc = succinyl

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<222> (5)..(5)

<223> Xaa5 is Amc = 7-amino-4-methyl coumarin

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Xaa Ala Ala Phe Xaa
1 5

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<211> 11

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Arg Phe Lys Phe Gln Gln Phe Phe Gly Leu Met
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<213> Homo sapiens

<400> 15

Tyr Gly Gly Phe Met
1 5